

**REMARKS/ARGUMENTS**

Claims 1–24 and 26–30 have been cancelled. Claim 25 has been amended and claim 31 has been added.

The Examiner rejected claims 1–30 under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claims 1–24 and 26–30 have been cancelled. Claim 25 has been amended to overcome the Examiner's rejection.

The Examiner rejected claim 1 under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential steps, such omission amounting to a gap between the steps. Claims 1 has been cancelled.

The Examiner rejected claims 2–15, 21–22 and 25–27 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Claims 2–15, 21–22 and 26–27 have been cancelled. Claim 25 has been amended to overcome the Examiner's rejection.

The Examiner provided interpretations regarding claims 1 and 28. Claims 1 and 28 have been cancelled.

The Examiner rejected claims 1, 3–7, 14–17, 20, 24 and 28–30 under 35 U.S.C. 103(a) as being unpatentable over Hayashi et al., ("EMI-Noise Analysis Under ASIC Design Environment," ACM 1999) in view of Zarkesh et al., U.S. Pat. No. 6,212,665 and in further view of Roethig, U.S. Pat. No. 5,835,380. Claims 1, 3–7, 14–17, 20, 24 and 28–30 have been cancelled.

The Examiner rejected claims 2, 11, 25 and 26 under 35 U.S.C. 103(a) as being unpatentable over Hayashi et al., ("EMI-Noise Analysis Under ASIC Design Environment,"

ACM 1999) in view of Zarkesh et al., U.S. Pat. No. 6,212,665 and in further view of Roethig, U.S. Pat. No. 5,835,380 and Chen et al., ("Power Supply Noise Analysis Methodology for Deep-Submicron VLSI Chip Design," ACM 1997). Claims 2, 11 and 26 have been cancelled.

Hayashi does not teach all the limitations of claim 25. More specifically, Hayashi does not teach "wherein the modeling step includes a triangular waveform modeling step of modeling the instantaneous current as a triangular waveform whose width is calculated from each event information in consideration of output slew information." Referring to page 18, column 2, paragraph 4 of Hayashi, Hayashi discloses a triangular waveform modeled in consideration of an input slew and output load. Thus, Hayashi does not teach a triangular waveform modeled in consideration of an output slew. Therefore, Hayashi does not teach all the limitations of claim 25.

The Examiner rejected claims 8–10 and 21–23 under 35 U.S.C. 103(a) as being unpatentable over Hayashi et al., ("EMI-Noise Analysis Under ASIC Design Environment," ACM 1999) in view of Zarkesh et al., U.S. Pat. No. 6,212,665 and in further view of Roethig, U.S. Pat. No. 5,835,380 and Kuwano et al., U.S. Pat. No. 6,253,354. Claims 8–10 and 21–23 have been cancelled.

The Examiner rejected claims 12 and 13 under 35 U.S.C. 103(a) as being unpatentable over Hayashi et al., ("EMI-Noise Analysis Under ASIC Design Environment," ACM 1999) in view of Zarkesh et al., U.S. Pat. No. 6,212,665 and in further view of Roethig, U.S. Pat. No. 5,835,380 and Schaefer, U.S. Pat. No. 5,617,325. Claims 12 and 13 have been cancelled.

The Examiner rejected claims 18, 19 and 27 under 35 U.S.C. 103(a) as being unpatentable over Hayashi et al., ("EMI-Noise Analysis Under ASIC Design Environment," ACM 1999) in view of Zarkesh et al., U.S. Pat. No. 6,212,665 and in further view of Roethig,


U.S. Pat. No. 5,835,380 and Kamiya et al., U.S. Pat. No. 6,304,998. Claims 18, 19 and 27 have been cancelled.

Claim 31 has been added. None of the cited references teach "wherein the triangular waveform modeling step of further modeling the change arising in an event as a center of an isosceles triangle."

If there are any additional fees resulting from this communication, please charge the same to our Deposit Account No. 16-0820, our Order No. 32796.

Respectfully submitted,

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